Name of Work: **Development of parks at Manjunathanagara Ramaiah layout and Soap factory Layout in Dasarahalli Zone ward No.14**

Date of Measurement :

Detailed Measurements

Item No	Discription of Item	Unit	No	Length	Breadth	Depth	Qty
1	KSRB 2-1.1: Earthwork in surface excavation for levelling and lowering the ground manually (Other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled including breaking of clods and neatly dressed as per specifications. specification. No KBS 2.1(a) / 2.3.1 Ordinary soil ---- All terms and conditions are as per tender document.						
		Cum					
	Nele Maheshwari Park						
	Childrens Play Area						
	Ch:0.00 to 17.30m		1	17.30	10.20	0.50	88.23
	Ramaiah Layout Park						
	Childrens Play Area						
	Ch:0.00 to 9.50m		1	9.50	4.65	0.50	22.09
	Ch:0.00 to 1.00m		1	1.00	2.75	0.50	1.38
	Gym Equipment Area						
	Ch:0.00 to12.50m		1	12.50	2.80	0.50	17.50
	Ch:0.00 to 5.00m		1	5.00	4.90	0.50	12.25
	Gate Entrance		1	3.20	0.60	0.50	0.96
	Debris		1	20.00	1.80	0.30	10.80
						Present Qty	**153.20**

11.07.2022

Contractor

NEWZEN Bangalore Consultant CONSULTANT

Asst, Engineer 20/12/22

Asst. Executive Engr.
Project Division, Dasrahalli Zone
BBMP, Bangalore

Asst, Exec. Engineer

Scanned with CamScanner

Name of Work: Development of parks at Manjunathanagara Ramaiah layout and Soap factory Layout in Dasarahalli Zone ward No.14

Date of Measurement :

Detailed Measurements

Item No.	Description of Item	Unit	No	Length	Breadth	Depth	Qty
3	KSRB 2.2.1 : Earthwork excavation by manual means in ordinay soil for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m including breaking of clods complete as per specifications. No KBS 2.1(a) / 2.3.5 — All terms and conditions are as per tender document						
		Cum					
	Nele Maheshwari Park						
	Gym Equipment Area						
	Ch:0.00 to 8.20m		1	8.20	5.80	0.45	21.40
	Ch:0.00 to 1.50m		1	1.50	2.30	0.45	1.55
	Ch:0.00 to 0.80m		0.5	0.80	0.60	0.45	0.11
	Ch:0.00 to 1.20m		1	1.20	0.60	0.45	0.32
	Ch:0.00 to 1.87m		1	1.87	0.30	0.45	0.25
	Entrance		1	5.90	1.20	0.45	3.19
	Ramaiah Layout Park						
	Gym Equipment Area						
	Ch:0.00 to 12.50m		1	12.50	2.80	0.45	15.75
	Opp Park						
	Ch:0.00 to 5.00m		1	5.00	4.90	0.45	11.03
	Gate Entrance		1	3.20	0.60	0.45	0.86
	Ramaiah Layout Park						
	Gazib platform Area						
	Area of hexagon=(S Squareroot 3)/2			(3*1.73*3.3*3.3)/2		0.45	12.72
	Gazib platform Area						
	Area of Circle						
	Circumference=Csquare/4pi			(16.2*16.2/4*3.14)		0.45	9.40
	C=16.2						
	MEI Layout Part-4						
	Gym Equipment Area						
	Ch:0.00 to 5.20m		1	5.20	1.85	0.45	4.33
	Ch:0.00 to 8.00m		1	8.00	6.40	0.45	23.04
	Ch:0.00 to 7.00m		1	7.00	1.60	0.45	5.04
	Ch:0.00 to 6.10m		1	6.10	1.50	0.45	4.12
	Ch:0.00 to 1.90m		1	1.90	1.20	0.45	1.03
	MEI Layout Part-5						
	Gym Equipment Area						
	Ch:0.00 to 9.80m		1	9.80	7.00	0.45	30.87
	Ch:0.00 to 5.00m		1	5.00	1.20	0.45	2.70
	Benches Platform						

Contractor

Consultant

Asst. Engineer 20/12/22 to 29/12/22

Asst. Executive Engr.
Project Division, Dasarahalli Zone
BBMP, Bangalore

Asst. Executive Engineer

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Item No	Discription of Item	Unit	No	Length	Breadth	Depth	Qty
	Ramaiah Layout Park		25	1.30	1.80	0.45	26.33
	MEI Layout Part-5		25	2.10	1.20	0.45	28.35
	For Equipment Foundation						
	Nele Maheshwari Park						
	Ramaiah Layout Park		28	0.60	0.60	0.60	6.05
	MEI Layout Part-4		28	0.60	0.60	0.60	6.05
	MEI Layout Part-5		14	0.60	0.60	0.60	3.02
			14	0.60	0.60	0.60	3.02
	For Compound Wall						
	Soap Factory Park						
	Ch:0.00 to 26.10m		1	26.10	0.80	1.00	20.88
	Ch:0.00 to 11.80m		1	11.80	0.75	0.90	7.97
	RCC Drain						
	Soap Factory Park						
	Ch:0.00 to 26.10m		1	26.10	1.10	1.00	28.71
	Ch:0.00 to 11.80m		1	11.80	1.10	1.00	12.98
	Damaged portion Path way						
	Ramaiah Layout Park						
	Western Side						
	Ch:0.00 to 20.00m		1	20.00	1.45	0.25	7.25
	Ch:0.00 to 25.00m		1	25.00	1.45	0.25	9.06
	Eastern Side						
	Ch:0.00 to 15.00m		1	15.00	1.45	0.25	5.44
	Opp Park						
	Western Side						
	Ch:0.00 to 15.00m		1	15.00	1.50	0.25	5.63
	Ch:0.00 to 20.00m		1	20.00	1.50	0.25	7.50
	Ch:0.00 to 25.00m		1	25.00	1.50	0.25	9.38
	KERB STONE						
	MEI Layout Part-4						
	Gym Platform Area						
	Ch:0.00 to 1.20m		1	1.20	0.20	0.25	0.06
	Ch:0.00 to 4.25m		1	4.25	0.20	0.25	0.21
	Ch:0.00 to 3.00m		1	3.00	0.20	0.25	0.15
	Ch:0.00 to 0.90m		1	0.90	0.20	0.25	0.05
	Ch:0.00 to 8.35m		1	8.35	0.20	0.25	0.42
	Ch:0.00 to 5.35m		1	5.35	0.20	0.25	0.27
	Ch:0.00 to 1.80m		1	1.80	0.20	0.25	0.09
	Ch:0.00 to 2.70m		1	2.70	0.20	0.25	0.14
	Ch:0.00 to 8.10m		1	8.10	0.20	0.25	0.41
	Ch:0.00 to 0.95m		1	0.95	0.20	0.25	0.05
	Ch:0.00 to 2.60m		1	2.60	0.20	0.25	0.13
	Nele Maheshwari Park						

Contractor

NEWZEN CONSULTANT Bangalore Consultant

Asst, Engineer 20/12/22 to 22/12/22

Asst. Executive Engineer
Project Division, Dasrahalli Zone
BBMP, Bangalore

Asst, Executive Engineer

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Item	Discription of Item	Unit	No	Length	Breadth	Depth	Qty
	Gym Platform Area						
	Entrance		2	5.90	0.20	0.25	0.59
	Ch:0.00 to 8.20m		1	8.20	0.20	0.25	0.41
	Ch:0.00 to 1.80m		1	1.80	0.20	0.25	0.09
	Ch:0.00 to 1.20m		1	1.20	0.20	0.25	0.06
	Ch:0.00 to 2.30m		1	2.30	0.20	0.25	0.12
	Ramaiah Layout Park						
	Gym Platform Area						
	Ch:0.00 to 5.00m		2	5.00	0.20	0.25	0.50
	Ch:0.00 to 2.80m		2	2.80	0.20	0.25	0.28
	Children Play Area						
	Ch:0.00 to 9.50m		2	9.50	0.20	0.25	0.95
	Ch:0.00 to 4.65m		2	4.65	0.20	0.25	0.47
	Benches Platform						
	Ramaiah Layout Park						
			25	1.20	0.20	0.25	1.50
			25	1.20	0.20	0.25	1.50
			25	1.90	0.20	0.25	2.38
	Missing Kerb						
	Ramaiah Layout Park						
	Western Side						
	Ch:0.00 to 25.00m		2	25.00	0.20	0.25	2.50
	Ch:0.00 to 28.00m		2	28.00	0.20	0.25	2.80
	Eastern Side						
	Ch:0.00 to 30.00m		2	30.00	0.20	0.25	3.00
	Ch:30.00 to 60.00m		2	30.00	0.20	0.25	3.00
	Ch:60.00 to 90.00m		1	30.00	0.20	0.25	1.50
	Opp Park						
	Western Side						
	Ch:0.00 to 25.00m		1	28.00	0.20	0.25	1.40
	Eastern Side						
	Ch:0.00 to 30.00m		1	30.00	0.20	0.25	1.50
	Back Filling Of Soil(Debris)		1	25.00	2.05	0.30	15.38
						Present Qty	**377.18**

Contractor

Consultant

Asst, Engineer 20/12/22 to 22/12/22

Asst. Executive Engineer
Project Division, Dasrahalli Zone
BBMP, Bangalore

Asst, Exec, Engineer

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Name of Work: **Development of parks at Manjunathanagara Ramaiah layout and Soap factory Layout in Dasarahalli Zone ward No.14**

Date of Measurement :

Detailed Measurements

Item No	Discription of Item	Unit	No	Length	Breadth	Depth	Qty
4	KSRB 2.10 : Providing sand cement bed with 5% cement all leads for all materials and lift of 1.5 m. machine mixed, laid in layers of 15cms. thick and well compacted for foundation, including curing cost of materials labour and HOM complete as per specifications. specification. No KBS 2.10.2 — All terms and conditions are as per tender document.						
		Cum					
	For Equipment Foundation						
	Nele Maheshwari Park						
			28	0.60	0.60	0.15	1.51
	Ramaiah Layout Park						
			28	0.60	0.60	0.15	1.51
	MEI Layout Part-4						
			14	0.60	0.60	0.15	0.76
	MEI Layout Part-5						
			14	0.60	0.60	0.15	0.76
	For Compound Wall						
	Soap Factory Park						
	Ch:0.00 to 26.10m		1	26.10	0.80	0.15	3.13
	Ch:0.00 to 11.80m		1	11.80	0.75	0.15	1.33
						Present Qty	**9.00**

Contractor

NEWZEN CONSULTANT Bangalore Consultant

Asst, Engineer 24/12/22

Asst. Executive Engineer
Project Division, Dasrahalli Zone
BBMP, Bangalore

Asst, Exec. Engineer

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Name of Work: Development of parks at Manjunathanagara Ramaiah layout and Soap factory Layout in Dasarahalli Zone ward No.14

Name of Measurement :

Detailed Measurements

Sl No	Discription of Item	Unit	No	Length	Breadth	Depth	Qty
	KSRB 4-1.2 : Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications. Specification No KBS 4.1, 4.2 — All terms and conditions are as per tender document.						
		Cum					
	Nele Maheshwari Park						
	Gym Equipment Area						
	Ch:0.00 to 8.20m		1	8.20	5.80	0.15	7.13
	Ch:0.00 to 1.50m		1	1.50	2.30	0.15	0.52
	Ch:0.00 to 0.80m		0.5	0.80	0.60	0.15	0.04
	Ch:0.00 to 1.20m		1	1.20	0.60	0.15	0.11
	Ch:0.00 to 1.87m		1	1.87	0.30	0.15	0.08
	Entrance		1	5.90	1.20	0.15	1.06
	Ramaiah Layout Park						
	Gym Equipment Area						
	Ch:0.00 to 12.50m		1	12.50	2.80	0.15	5.25
	Opp Park						
	Ch:0.00 to 5.00m		1	5.00	4.90	0.15	3.68
	Gate Entrance		1	3.20	0.60	0.15	0.29
	Ramaiah Layout Park						
	Gazib platform Area						
	Area of hexagon=(S Squareroot S2)/2		(3*1.73*3.3*3.3)/2			0.15	4.24
	Gazib platform Area						
	Area of Circle Circumference=Csquare/4pi C=16.2		(16.2*16.2/4*3.14)			0.15	3.13
	MEI Layout Part-4						
	Gym Equipment Area						
	Ch:0.00 to 5.20m		1	5.20	1.85	0.15	1.44
	Ch:0.00 to 8.00m		1	8.00	6.40	0.15	7.68
	Ch:0.00 to 7.00m		1	7.00	1.60	0.15	1.68
	Ch:0.00 to 6.10m		1	6.10	1.50	0.15	1.37
	Ch:0.00 to 1.90m		1	1.90	1.20	0.15	0.34
	MEI Layout Part-5						
	Gym Equipment Area						
	Ch:0.00 to 9.80m		1	9.80	7.00	0.15	10.29
	Ch:0.00 to 5.00m		1	5.00	1.20	0.15	0.90
	Benches Platform						
	Ramaiah Layout Park		25	1.30	1.80	0.18	10.53

Contractor

NEWZEN CONSULTANTS Consultants

Asst, Engineer 20/12/22 to 24/12/22

Asst. Executive Engineer
Project Division, Dasrahalli Zone
BBMP, Bangalore

Asst, Exec, Engineer

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Sl. No.	Discription of Item	Unit	No	Length	Breadth	Depth	Qty
	MEI Layout Part-5		25	2.10	1.20	0.16	10.08
	For Equipment Foundation						
	Nele Maheshwari Park						
			28	0.60	0.60	0.15	1.51
	Ramaiah Layout Park						
			28	0.60	0.60	0.15	1.51
	MEI Layout Part-4						
			14	0.60	0.60	0.15	0.76
	MEI Layout Part-5						
			14	0.60	0.60	0.15	0.76
	For Compound Wall						
	Soap Factory Park						
	Ch:0.00 to 26.10m		1	26.10	0.80	0.15	3.13
	Ch:0.00 to 11.80m		1	11.80	0.75	0.15	1.33
	RCC Drain						
	Soap Factory Park						
	Ch:0.00 to 26.10m		1	26.10	1.10	0.15	4.31
	Ch:0.00 to 11.80m		1	11.80	1.10	0.15	1.95
	KERB STONE						
	MEI Layout Part-4						
	Gym Platform Area						
	Ch:0.00 to 1.20m		1	1.20	0.20	0.10	0.02
	Ch:0.00 to 4.25m		1	4.25	0.20	0.10	0.09
	Ch:0.00 to 3.00m		1	3.00	0.20	0.10	0.06
	Ch:0.00 to 0.90m		1	0.90	0.20	0.10	0.02
	Ch:0.00 to 8.35m		1	8.35	0.20	0.15	0.25
	Ch:0.00 to 5.35m		1	5.35	0.20	0.15	0.16
	Ch:0.00 to 1.80m		1	1.80	0.20	0.15	0.05
	Ch:0.00 to 2.70m		1	2.70	0.20	0.15	0.08
	Ch:0.00 to 8.10m		1	8.10	0.20	0.15	0.24
	Ch:0.00 to 0.95m		1	0.95	0.20	0.15	0.03
	Ch:0.00 to 2.60m		1	2.60	0.20	0.15	0.08
	Nele Maheshwari Park						
	Gym Platform Area						
	Entrance		2	5.90	0.20	0.15	0.35
	Ch:0.00 to 8.20m		1	8.20	0.20	0.15	0.25
	Ch:0.00 to 1.80m		1	1.80	0.20	0.15	0.05
	Ch:0.00 to 1.20m		1	1.20	0.20	0.15	0.04
	Ch:0.00 to 2.30m		1	2.30	0.20	0.15	0.07
	Ramaiah Layout Park						
	Gym Platform Area						
	Ch:0.00 to 5.00m		2	5.00	0.20	0.15	0.30
	Ch:0.00 to 2.80m		2	2.80	0.20	0.15	0.17
	Children Play Area						
	Ch:0.00 to 9.50m		2	9.50	0.20	0.15	0.57
	Ch:0.00 to 4.65m		2	4.65	0.20	0.15	0.28

11.07.2022

tractor

NEWZEN Bangalore CONSULTANT Consultant

Asst, Engineer

20/12/22 to 24/12/22

Asst. Executive Engineer
Project Division, Dasrahalli Zone
BBMP, Bangalore

Asst. Exec. Engineer

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Name of Work: **Development of parks at Manjunathanagara Ramaiah layout and Soap factory Layout in Dasarahalli Zone ward No.14**

Name of Measurement :

Detailed Measurements

Item No	Discription of Item	Unit	No	Length	Breadth	Depth	Qty
6	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specifications.walls & bottom thickness 15cm For Building work ---- All terms and conditions are as per tender document.						
		Cum					
	Nele Maheshwari Park						
	Gym Equipment Area						
	Ch:0.00 to 8.20m		1	8.20	5.80	0.15	7.13
	Ch:0.00 to 1.50m		1	1.50	2.30	0.15	0.52
	Ch:0.00 to 0.80m		0.5	0.80	0.60	0.15	0.04
	Ch:0.00 to 1.20m		1	1.20	0.60	0.15	0.11
	Ch:0.00 to 1.87m		1	1.87	0.30	0.15	0.08
	Entrance		1	5.90	1.20	0.15	1.06
	Ramaiah Layout Park						
	Gym Equipment Area						
	Ch:0.00 to 12.50m		1	12.50	2.80	0.15	5.25
	Opp Park						
	Ch:0.00 to 5.00m		1	5.00	4.90	0.15	3.68
	Gate Entrance		1	3.20	0.60	0.15	0.29
	Ramaiah Layout Park						
	Gazib platform Area						
	Area of hexagon=(S Squareroot S2)/2		(3*1.73*3.3*3.3)/2			0.15	4.24
	Gazib platform Area						
	Area of Circle						
	Circumference=Csquare/4pi C=16.2		(16.2*16.2/4*3.14)			0.15	3.13
	MEI Layout Part-4						
	Gym Equipment Area						
	Ch:0.00 to 5.20m		1	5.20	1.85	0.15	1.44
	Ch:0.00 to 8.00m		1	8.00	6.40	0.15	7.68
	Ch:0.00 to 7.00m		1	7.00	1.60	0.15	1.68
	Ch:0.00 to 6.10m		1	6.10	1.50	0.15	1.37
	Ch:0.00 to 1.90m		1	1.90	1.20	0.15	0.34
	MEI Layout Part-5						
	Gym Equipment Area						
	Ch:0.00 to 9.80m		1	9.80	7.00	0.15	10.29
	Ch:0.00 to 5.00m		1	5.00	1.20	0.15	0.90
	Benches Platform						
	Ramaiah Layout Park		25	1.30	1.80	0.15	8.78

NEWZEN CONSULTANT Consultant Bangalore

Asst, Engineer 24/12/22

Asst. Executive Engineer
Project Division, Dasrahalli Zone
BBMP, Bangalore

Asst, Exec. Engineer

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